| Inde | ex of C | Claims |  |
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|      |         |        |  |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/604,907      | CHEN ET AL.  |
| Examiner        | Art Unit     |
| Monica Lewis    | 2822         |

| √ | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| - | (Through numeral) Cancelled |
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| ÷ | Restricted                  |

| N | Non-Elected  |
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| _ | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Cla          | aim      |  |  | Date_           |               |   | [    | CI           | aim      |                 |                 | _        | Dat   | e        |          |          |          |           | Cla   | im         |            |          |          | Di       | ate               |                                     |          | _        | ⊒        |
|--------------|----------|--|--|-----------------|---------------|---|------|--------------|----------|-----------------|-----------------|----------|---|----------|----------|----------|----------|-----------|-------|------------|------------|----------|----------|----------|-------------------|-------------------------------------|----------|----------|----------|
|              | -E       | ,,   |  |                 | $\prod$       |   |      |              | =        |                 |                 |          |   |          |          | ı        |          |           | _     | <u>8</u>   | 1          |          | ĺ        | - {      |                   | 1                                   | 1        | 1        |          |
| Final        | Original | 2/28/05  |  |                 | 1 1           |   |      | Final        | Original |                 |                 | -        | 1   |          |          |          |          |           | Final | Original   |            |          | 1        |          | 1                 | -                                   |          |          |          |
| 造            | ji       |  |  | 1 1             | 1             |   |      | ίĪ           | 😤        |                 | 1               |          |   | ì        |          |          |          |           | 띠     | हि         | -          | 1        |          |          |                   | -                                   | -        | -        | ĺ        |
|              | U        | ``   |  |                 |               |   |      |              |          |                 | $\bot$          | $\perp$  | $\perp$   | 1        | Ш        |          | _        | L         |       |            | 4          |          | _ _      | 4        | 4                 | 4                                   | -        | 4        | ᅴ        |
| 1            | 1        | =  |  |                 |               |   |      |              | 51       |                 | 4               | _ _      | $\perp$   |          | $\vdash$ | Щ.       | 4        | L         |       | 101        | $\dashv$   | $\perp$  | +        | 4        | 4                 | -                                   | +        | +        | 4        |
| 2            | 2        |  |  |                 |               |   |      |              | 52       |                 | _               |          | _   | 1_       | $\sqcup$ |          | 4        | L         |       | 102        | _          | _ -      | 4        | +        | -                 | -                                   | $\dashv$ | -        | 긕        |
| 3            | 3        |  |  |                 |               |   |      |              | 53       |                 | _               | $\perp$  | 4   | ╙        | $\vdash$ | _ _      | _        | L         |       | 103        | 4          |          | +        | +        | +                 | $\dashv$                            | +        | +        | $\dashv$ |
| 4            | 4        |  |  |                 |               |   |      |              | 54       | $\perp$         | 4               | $\perp$  | $\bot$  | <u> </u> | $\sqcup$ |          | 4        | L         |       | 104        | -+         | -        | +        | 4        | -                 | -                                   | +        | +        | -        |
| 5            | 5        |  |  |                 |               |   |      |              | 55       |                 | _               | _        | 4   | _        |          |          | 4        | Ŀ         |       | 105        | $\dashv$   | +        | +        | +        | +                 | +                                   | +        | $\dashv$ | $\dashv$ |
| 6_           | 6        |  |  |                 | $\perp \perp$ | $\bot$  |      |              | 56       | $\Box$          | 4               | $\perp$  | 4-  | ↓_       | $\vdash$ |          | -        | -         |       | 106        | $\dashv$   | _        | -        | -        |                   | $\dashv$                            | +        | +        | -        |
| 7            | 7        | $\sqcup$   |  | $\sqcup \bot$   | -             | $\dashv$  |      |              | 57       | $\perp$         | -               | -        | +   | ╀        |          | - -      | -        | -         |       | 107        | $\dashv$   | +        | +        | +        | $\dashv$          | +                                   | +        | +        | $\dashv$ |
| 8            | 8        | $\sqcup$   |  | $\sqcup$        | $\bot$        |   |      |              | 58       | $\vdash$        | -               | +        | -   | +        | ╁        | -        | -        | ┝         |       | 108<br>109 | +          | +        | ╁        | +        | +                 | $\dashv$                            | +        | ╅        | $\dashv$ |
| 9            | 9        | $\coprod$  | _  | $\sqcup \bot$   | 4-4           |   |      |              | 59       | $\vdash$        | +               | -        | +   | ╀        | ╁─┼      |          | -        | ⊩         |       | 109        | +          | -+       | +        | +        | +                 | +                                   | +        | -+       | $\dashv$ |
| 10           | 10       | HH   | _ _  | $\vdash \vdash$ | $\bot$        |   |      |              | 60       | $\vdash \vdash$ | +               | $\dashv$ | +   | +        | ╁        | $\dashv$ | -        | ⊩         |       | 110<br>111 | $\dashv$   | +        | +        | +        | $\dashv$          | $\dashv$                            | $\dashv$ | $\dashv$ | _        |
| 11_          | 11       | HH   | _ _  | $\vdash \vdash$ | +             | _   |      |              | 61       | $\vdash$        | -+              | -        | +   | ┼-       | +        | +        | -        | ⊩         |       | 112        | -+         | +        | +        | +        | $\dashv$          | +                                   | $\dashv$ | +        | -        |
| 12           | 12       | HHH  | _ _  | <b>├</b> -├-    |               | $\dashv$  |      |              | 62       | H               | -               | +        | +   | +        | ++       | +        | -1       | ╟         |       | 113        | $\dashv$   | +        | +        | -+       | $\dashv$          | -+                                  | +        | +        | _        |
| 13           | 13       | $\square$  | _ _  | $\vdash$        | +             | +   |      | <u> </u>     | 63       | $\vdash \vdash$ | $\dashv$        | -        | +   | ╁        | ╂╼╂      | +        | -        | ┝         |       | 114        | $\dashv$   | +        | +        | $\dashv$ | $\dashv$          | +                                   | +        | $\dashv$ | _        |
| 14           | 14       | ╁╂┼═┤  | _ _  | ++              | +             | $\dashv$  |      | <u> </u>     | 64       | ⊢∤              | $\dashv$        | +        | +   | +        | ╆        |          | -        | ŀ         |       | 115        |            | +        | +        | 十        | -+                | 一                                   | $\dashv$ | +        | _        |
| 15           | 15       | +  |  | +               | $\dashv$      |   |      |              | 65       | $\vdash \vdash$ | $\dashv$        | +        | +   | +        | ╂═╂      | +        | -        | -         |       | 116        | -          | $\dashv$ | +        | 十        | -+                | $\dashv$                            | $\dashv$ | $\dashv$ | _        |
| 16           | 16       | $\Box$   | _  | +               |               |   |      | <del> </del> | 66       | $\vdash$        | $\dashv$        |          | -   | +        | ╁╌┤      |          | $\dashv$ | ⊦         |       | 117        | $\dashv$   | $\dashv$ | +        | $\dashv$ | $\dashv$          | $\dashv$                            | $\dashv$ | $\dashv$ | _        |
| 17           | 17       | <del>                                     </del>             |  | 1-1-            | +             | $-\!$ |      | <u> </u>     | 67       | ┝╌┤             | $\dashv$        | -        |   | +-       | + +      |          | -        | ŀ         |       | 118        | +          | $\dashv$ | +        | -+       | -+                | $\dashv$                            | $\dashv$ | $\dashv$ | _        |
| 18           | 18       | <del>                                     </del>             |  | ++              | 4-            |   |      |              | 69       | $\vdash$        | $\dashv$        | -+       | +   | +-       | + 1      | -+       | -        | ŀ         |       | 119        | _          | $\dashv$ | 十        | $\dashv$ | $\dashv$          |                                     | 寸        | $\dashv$ | _        |
| 19           | 19       | ₩-   | _  | <del>-</del>    |               |   |      |              | 70       | $\vdash$        | +               | -+       | +-  | ╁        | +-1      | -        | - ::     | ⊪         |       | 120        | 寸          | -        | $\dashv$ | _        | 7                 | 寸                                   | _        | 寸        | _        |
| 20           | 20       | 11   | -  | +               | $\dashv$      |   | !    | <u> </u>     | 71       | $\vdash$        | -               |          | +   | +        | ╁╾┤      | $\dashv$ | -        | ⊪         |       | 121        | $\dashv$   | $\dashv$ | 十        | _        | _                 | $\dashv$                            | 7        | ┪        | _        |
| 21           | 21       | 11   | <b>—</b> —                                       | +               | +             |   |      | ├            | 72       | $\vdash$        | $\dashv$        | $\dashv$ | -   | +-       | + +      |          | -        | -         |       | 122        | ᅥ          | 一十       | $\dashv$ | ┪        | 寸                 | _                                   | $\dashv$ |          | _        |
| 22           | 22       | 11   | _  |                 | $\dashv$      |   |      | ├—           | 73       | $\vdash$        | $\vdash$        | -        | +   | ╁        | + +      | -+       | $\dashv$ | -         |       | 123        |            | -+       | 7        | 一        | ヿ                 | $\dashv$                            | 7        | 一        | _        |
| 23           | 23       | $+ \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |  | ++              | +             |   | ł    |              | 74       | H               | $\vdash$        | $\dashv$ | +   | ╁        | +-1      | -        | $\dashv$ | ⊪         |       | 124        | -          | $\neg$   | _        | 寸        | 一                 | ┪                                   | $\neg$   | $\neg$   | _        |
| 24           | 24       | H  |  | ++              | +-            |   |      | <u> </u>     | 75       | Н               |                 | $\dashv$ | +   | +        | +        | -        |          | ::: -     |       | 125        |            | 一        | $\neg$   |          | $\neg$            |                                     |          | 一        | _        |
| 25           | 25       | <del>      / -</del>   | $\vdash$   | +-+             | $\dashv$      | _   | 1    | ├            | 76       | $\vdash$        | H               | -+       | +   | +        | 1-1      | $\dashv$ | ╣        | ı         |       | 126        |            |          | T        | _        | ヿ                 | $\neg$                              | 7        | ヿ        |          |
| 26           | 26       | ₩  | $\vdash \vdash$                                  | ++              |               | _   |      | ┝            | 77       | $\vdash$        | Н               | +        | +   | ╅        | +        | _        | -        | ŀ         |       | 127        |            | 寸        | 寸        | $\neg$   | ヿ                 |                                     |          |          |          |
| 27           | 27       |  | $\vdash$   | ++              |               | $\dashv$  | 1    | $\vdash$     | 78       | +               | Н               | _        | +   | +        | +        | $\top$   | ٦.       | ŀ         |       | 128        |            | $\neg$   | ╗        |          | 一                 |                                     |          | $\neg$   |          |
| 28           | 28       | =  | ├┼╴  | ┼╌┼╴            | +             | +   | 1    | $\vdash$     | 79       | $\vdash$        | H               | +        |   | +-       | +        |          | -11      | <b>::</b> |       | 129        |            | T        | ╗        |          |                   |                                     | T        |          |          |
|              | 29<br>30 | <del>1- 1-</del>   | -  | ╅╾┾             |               | -   | 1    | $\vdash$     | 80       | $\vdash$        | $\vdash$        | $\dashv$ | -   | +        | +        | $\neg$   |          | #         |       | 130        |            |          | 7        | T        |                   |                                     |          |          |          |
|              |          | +  | ┝╌├╌   | ╅               |               |   | 1    | -            | 81       | ╁╌              | $\vdash$        | _        | _   | $\top$   | 11       | _        | 7        |           |       | 131        |            |          | $\neg$   |          |                   |                                     |          |          |          |
|              | 31       | +  | $\vdash \vdash$                                  | ++              | -             | -   | 1    | -            | 82       | +               | $\vdash \vdash$ | $\dashv$ | 一   | $\top$   | $\top$   |          | ١!       | ij        |       | 132        | П          | $\Box$   | $\neg$   |          |                   |                                     |          |          |          |
| -            | 33       | +  |  | + +-            | $\dashv$      | - -   | 1    | -            | 83       | $\top$          | H               | 一        | $\dashv$  | $\top$   | 1        |          | 7        | ı         |       | 133        |            |          | Î        |          |                   |                                     |          |          | _        |
| $\vdash$     | 34       | +-+-   | <del>                                     </del> | ++              | +             | $\vdash$  | 1    | $\vdash$     | 84       | T               | $\vdash$        | _        | $\top$  | $\top$   |          |          | 7        | ij        |       | 134        |            |          |          |          |                   |                                     |          |          | _        |
| -            | 35       | ++   | <del>   </del> -                                 | ++              | +             | $\vdash$  | 1    |              | 85       | $t^-$           | М               | $\dashv$ | +   | 1        | 1        | $\Box$   |          | ı         |       | 135        |            |          |          |          |                   |                                     |          |          | _        |
| <del> </del> | 36       | +-   | <del>                                     </del> | ++              | +             | $\vdash$  | ╢    | $\vdash$     | 86       | $t^-$           | $\vdash$        | $\dashv$ | $\top$  | $\top$   | 1        |          |          |           |       | 136        |            |          | $\Box$   |          |                   |                                     |          |          | _        |
| -            | 37       | +-1  | $\vdash$   | +-+             | $\top$        | $\vdash \vdash$   | 1    |              | 87       | 1               | П               |          | $\top$  | 1        |          |          |          |           |       | 137        |            |          | $\Box$   |          |                   |                                     | Ш        |          | _        |
| -            | 38       | 1-1-   | ++   | ++              | $\dashv$      | - -   | 1    |              | 88       | $\top$          | П               | $\sqcap$ | T   | $\top$   |          |          |          | Ī         |       | 138        |            |          |          |          |                   |                                     |          |          | _        |
| -            | 39       | +  | <del>   -</del>                                  | ++              | $\dashv$      | - -   | 1111 |              | 89       | 1               | П               |          |   | $\top$   | T        |          |          |           |       | 139        |            |          |          |          |                   |                                     | L. I     |          | <u> </u> |
| -            | 40       | <del>   -</del>  | $\vdash$   | ++              | +             |   | 1    |              | 90       | T               | П               |          | $\neg$  | $\neg$   |          |          |          |           |       | 140        |            |          |          |          |                   |                                     | Ш        |          | _        |
| $\vdash$     | 41       |  |  | + +             | $\top$        |   | 1    |              | 91       | 1               |                 | $\Box$   |   | $\top$   | T        |          |          |           |       | 141        |            |          |          |          |                   |                                     | Ш        |          | $\vdash$ |
| $\vdash$     | 42       |  | +  | ++              | _             | $\dagger \dagger$   | 1    |              | 92       | $\top$          |                 |          |   |          |          |          |          |           |       | 142        |            | Ш        |          |          |                   | <u> </u>                            | Ш        | _        | $\vdash$ |
|              | 43       |  | $\vdash$   | ++              | _             |   | 7    |              | 93       |                 |                 |          |   | $\perp$  |          |          |          |           |       | 143        | oxdot      | Ш        |          | <u> </u> | $oxed{oxed}$      |                                     | Ш        |          | $\vdash$ |
| <b>—</b>     | 44       | 1  | $\vdash$   | +               | -t-           |   | 7    |              | 94       |                 |                 |          | T   | $\perp$  |          |          |          |           |       | 144        | _          | Ш        | _        | Ш        |                   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |          | L        |
|              | 45       |  | +  | +               | 十             |   | 1    |              | 95       | Τ               |                 |          |   |          |          |          |          | :::[      |       | 145        | 1_         | Ш        |          |          | <u> </u>          | <u> </u>                            | Ш        |          | L        |
| $\vdash$     | 46       |  | $\vdash$   | 1               | _             | $\vdash$  | 1    |              | 96       |                 | П               | П        |   |          |          |          |          |           |       | 146        | <u></u>    | Ш        |          |          | _                 | _                                   | Ш        |          | L        |
| $\vdash$     | 47       | +-+-   | <del>    </del>                                  | ++              | $\neg \vdash$ |   | 1    |              | 97       |                 |                 |          |   |          |          |          |          |           |       | 147        |            | Ш        |          | L_       | $ldsymbol{f eta}$ | <u> </u>                            | Ш        |          | L        |
| -            | 48       |  | ++   | 11              | $\dashv$      |   | 1    |              | 98       |                 |                 |          | $\Box$  |          |          |          | _]:      |           |       | 148        | _          | $\sqcup$ | _        |          | <u> </u>          |                                     | <u> </u> |          | <u>_</u> |
|              | 49       | 11   | +  | 11              | $\top$        |   | 7    |              | 99       |                 |                 |          |   |          |          |          | _]:      |           |       | 149        | <b> </b> _ | $\sqcup$ |          |          | <u> </u>          | <u> </u>                            | ļ        |          | 1        |
|              | 50       | 1 1  |  | 1               |               |   | 7    |              | 100      |                 |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |          |          |          |           |       | 150        | <u> </u>   | Ш        |          | l        |                   | L.                                  | L        |          | L        |